

PCT10

## RAW SEQUENCE LISTING

DATE: 01/31/2003 TIME: 10:45:53 PATENT APPLICATION: US/10/089,563

Input Set : A:\sequence listin.txt Output Set: N:\CRF4\01312003\J089563.raw

```
3 4:1105 APPLICANT: Oriental Yeast Co., Ltd.; JAPAN AS REPRESENTED BY
      1.4120. TITLE OF INVENTION: Kits for extracting nucleic acid and method of
            extracting nucleic acid by using the kits
     # -: 1 sec. FILE REFERRICE: 159-72
     10 - 1140 - CURRENT APPLICATION NUMBER: 10/089,563
C--> 11 <141> CURRENT FILING DATE: 2002-08-13
     13 -: 150 - PRIOR APPLICATION NUMBER: PCT/JP00/05170
     14 - (15) - PRICE FILING DATE: 2000-08-02
     16 -1500 PRICE APPLICATION NUMBER: JP 190633/1999
     1 1 - 11-11- PRIOF FIRMING DATE: 1-99-07-08
     19 - 160 - NUMBER OF SEQ ID NOS: 19
     21 - 11/0. SOFTWARE: Patentin Ver. 2.0
     73 H210H SEQ ID NO: 1
     . 5 HOLL - TYPE: DNA
     26 O21 o OBGANISM: Artificial Sequence
     IF FULLOW FEATURE:
     [9] CLAS OTHER INFORMATION: Description of Artificial Sequence: primer GF62
     FI - 400 - SEQUENCE: 1
                                                                             23
     P2 aaddataqaq qtaaaaqaca dca
     34 -TING SEQ ID NOT 1
     35 - 111 - LFNGTH: . 3
     36 - 2120 TYPE: DNA
     37 - 118 OFGANISM: Artificial Sequence
     BW WILLEL FEATURE:
     40 - 0. 00 OTHER INFORMATION: Description of Artificial Sequence: primer GF63
     42 -400. SEQUENCE: 1
                                                                             25
     45 taget goting tochail dott tita
     45 - 2100 SEQ IF NO: 5
     46 KUNIN DENGTH: 19
     47 HILLE TYPE: INA
     44 Full : 050ANISM: Artificial Sequence
     SU -ULLUS- FEATURE:
     11 ACCES OTHER INFORMATION: Description of Artificial Sequence: primer SK100
     53 HADOL SEQUENCE: 3
                                                                            19
     ži atcaagoado qatdosaat
     56 -1110: SEQ 11 110: 4
     57 HOURS BENGIH: 22
     58 HUILDH TYPE: DNA
     54 HTTP: OEGANISM: Artificial Sequence
     f1 =1.100 FEATURE:
    FIGURE OTHER INFORMATION: Description of Artificial Sequence: primer SK104
     • 4 - 44.00 SEQUENCE: 4
```

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65 cttttagted ttattattatg to 22 67 <210> SEO 10 NO: 5 68 HR11 - LEUGTH: 73 69 -031. - TYPE: DNA TO KMIN OR WANTEM: Artificial Sequence THE PRODUCT PRINTINGS: Transfer OTHER INFORMATION: Description of Artificial Sequence: primer 7.1 ONI POLITE 76 (400 - SHOMENICH: 5 VV aqtoqatata tabaagcaga agt 23 \* Hiller SEQ ID NO: 6 For Hills 15AFFTH: 17 FIRED DIA F. H.M.S. ORCANISM: Artificial Sequence #4 HILL FRATURE: Ft. C. P. OTHER INFORMATION: Description of Artificial Sequence: primer UNIPOL 17. 85 -GOOL - SEQUENCE: € 27 My desideastric recontitutet tittaaaa MI KITCH SEQUED NOT 7 M. ALTI - IMBATE: 18 DO REAL TO A LYPE: DUA 94 K. 13 - CRUANICM: Artificial Sequence 96 -0.70 - FEATURE: 97 KLTS: OTHER INFORMATION: Description of Artificial Sequence: primer P5 99 K400 - SEQMENCE: 7 100 ditagoanna agaigge 13 16. - C.10 - SEQ ID NO: 3 10 % -0.11 + DEDGTE: 18 104 SILL SETTE: DNA 105 Ull + OF WANTSM: Artificial Sequence 100 BLOG FEATURE: 108 0.33 OTHER INFORMATION: Description of Artificial Sequence: primer P6 110 HARD - SEQUENCE: 8 18 111 tactaction of tigggg 113 -0.10 - 3EQ ID ID: 3 114 - L11 - LENGTH: 220 115 C. L. TYPE: DNA 116 -013 - OFGANISM: HIV-1 118 - GOO - DEQUENCE: 9 119 etatgouaar gittsasagat accateaatg aggaagetge agaatgggad agggtacate 60 1.0 sagtaca: 30 addgentatt coaccagged agatgagaga accaagggga agtgacatag 120 1.1 maggaartan hagtaneett caagaacaaa taggatggat gacaagcaat ceaectatee 180 1.1 dagtggga ja datotataaa agatggataa tootgggatt 220 104 -0710 - OEQ TO NO: 10  $1.55 \pm 0.11 \pm 1600 \mathrm{TH}\colon -220$ 126 KL MIR TYPE: INA

1.00 -0.130 ORGANISM: HIV-1 129 -04000 DEQUENCE: 10

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(http://Set: N:\CRF4\01312003\J089563.raw

131 132 133 135 136 137 138	ccatgcaaat g: toaaagaa cagtacatgc agg motatt caggaactac tagtaacctt cagtgggaga cathrataaa -210	odaddaggod daagaadaaa	aaatgaggga taggatggat	accaagggga	agtgacatag	1.0
	ccatqcaaat qttaaaagaa					
	cagtacatic aggressatt					
	hagqdactad taqtaacctt			gacaaacaat	coacctated	
	cagtiggaga canctataaa	aggtggataa	tootgggatt			.1.101
	- 210 - SEQ TO NO: 12					
	<pre>+311 + DENGTH: 730 +313 + TYPE: DNA</pre>					
	<pre>&lt;313. OFGANISM: HIV=1</pre>					
	+400 + SEQUENCE: 12					
	coatqcaaat qttaaaagaa	accatcaatq	addaadctdc	agaatgggat	adddtacacc	60
	cagtacator aggocctatt					
	caggaactac tagtaccott					
	dagtigggaga datintataaa					0
157	<pre>-::10 + SEQ ID NO: 13</pre>					
	HA11 BENGTH: 200					
	· MIN TYPE: DNA					
	+ 213 + OF@ANISM: HIV-1					
	+400 + SEQUENCE: 13					
	coatgoaaat gttaaaagaa					
	nagtacatus agguestatt naggaastas tagtacestt					
	-cagtaggaqa batotataaa			yacaaacaac	Coascates	220
	<pre>%210 / SEQ ID NO: 14</pre>	aggeggaeda	coocygyacc			
	-Ulla LENGTH: 0.00					
170	HOIL TYPE: DNA					
171	-0013 - OFGANISM: HIV-1					
	-:400 · SEQUENCE: 14					
	odatqdaaat gttaaaagaa					
	caatacatgo agggostatt					
	daggaaccad tagtaccett			gacaaacaat	ccacctates	
	cagtoggaga catotataaa <pre>&lt;210 - 3EQ ID NO: 15</pre>	aggtggataa	teetgggatt			1.1.0
	MARINE LENGTH: 220					
	HILL: TYPE: DNA					
	<113 OFGANISM: HIV-1					
	· 400 · SEQUENCE: 15					
	ccatqcaaat qttaaaagaa	accatcaatq	aggaagetge	agaatgggat	agggtacacc	$\mathcal{C}(t)$
	cagtacatge agagestatt					
	caggaactac tagtaccett					
188	cagtqggaga catctataaa	aggtggataa	tectgggatt			220

### RAW SEQUENCE LISTING

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210

Input Set : A:\sequence listin.txt

Ou: put Set: N:\CRF4\01312003\J089563.raw

190 KU165 SEO ID NO: 16 141 <::11 + LENGTH: ..20 10. COLD - TYPE: DIM 14- 0013 - OFGANISM: HIV-1 135 - 3400 - SEQUENCE: 16 146 estat qualita utrasasagag accatesatg aggaagetge agaatgggat agggtacace 69 197 eligtabatho aggreetatt obaccaggob agatgaggga abbaagggga agtgatatag 1.0 194 raggaactio halftaccott baagaacaaa taggatggat gabaagcaat obacctatoo 150 1900 sagtigggasa statistataaa aggtiggataa tootigggatt 201 -0.110 - SEO ID NO: 17 30. 3311 - LENGTH: 120 203 KAIL - TYPE: DNA 204 -013 - OF ANISM: HIV-1 2000 - 1100 - SEQUENCE: 17 2007 maturcasut qittaasaqaa sobatbasiq aqqaaqotqo aqaatqqqat aqqqtacabb 60  $20\pi$  caqtacator uqqqeetatt ecarcaqqac aqatqaqqqa accaaqqqqa aqtqacataq 1.0 $209~\mathrm{diag}$ galacties flagfiaecett caagaacaaa taggatggat gacaageaat coatotatee 180Nin nigt gggana hat stataaa aggtggataa tootgggatt 212 -010 - SEQ ID NO: 18 713 -1.11 - LENGTH: 1.20 114 TILL TYPE: DNA LIS H. 15 - GERANISM: HIV-1 117 - 400 - SEQUENCE: 18  $_{
m CDM}$  -matriceant qtthiaaadaa accatcaatq aqqaaqotqo aqaatqqqat aqqqtacacc 6%119 (sugtabatus ugggestatt esassagges agatgaggga assaagggga agtgasatag 1.0 ...'O empgaaetus tagtaseett saagaasaga taggatgdat gasaaasaut osasetates 1-( 121 bigtigggaqa hatotataaa aggtggataa tootgggatt LAB -0.10 - SEO ID NO: 19 204 - 211 - LENGTH: 220 225 -2125 TYPE: DNA 226 - 113 - OEGANISM: HIV-1 JIS - 400. SEQUENCE: 19 219 chatgosaat yttaasagab abbatbasty aggasybtyb agastyygat aggytababb 6001.70 dagtacatge aggeoctatt obaccagged agatgaggga accaagggga agtgacatag 11.0

271 daggaactad tagtaccett daggaacaaa taggatggat gadaaacaat coacctated 180

23.1 magtgggaga cathtataaa aggtggataa tootgggatt

### VERIFICATION SUMMARY

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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date